



Application Number

IDS Flag Clearance for Application 10518125

**IDS
Information**

Content	Mailroom Date	Entry Number	IDS Review	Last Modified	Reviewer
M844	2005-09-15	19	Y <input checked="" type="checkbox"/>	2006-09-02 11:44:52.0	TFetzner
M844	2005-07-05	15	Y <input checked="" type="checkbox"/>	2006-09-02 11:44:56.0	TFetzner
<input type="button" value="Update"/>					

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DATE: Saturday, September 02, 2006

Hide?	<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>
	<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>		
<input type="checkbox"/>	L29	L20 and ((magnetostrictive or magnetostriction or magneto-restrict\$5 or magnetorestrict\$5) with (dampening or damp\$4 or cancel\$7 or null\$4 or insulat\$4))	10
<input type="checkbox"/>	L28	L20 and (hysteresis)	42
<input type="checkbox"/>	L27	L20 and (powder\$5 or grain or particle or particulate)	50
<input type="checkbox"/>	L26	L20 and (nonferrite or nonferritic\$4 or non-ferrite or non-ferritic\$4)	5
	<i>DB=PGPB,USPT,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>		
<input type="checkbox"/>	L25	L24 and (cor\$4)	4
<input type="checkbox"/>	L24	L23 and (powder\$5 or grain)	6
<input type="checkbox"/>	L23	6069479	11
<input type="checkbox"/>	L22	L21 and (powder\$5 or grain)	11
<input type="checkbox"/>	L21	6215304	27
	<i>DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>		
<input type="checkbox"/>	L20	L19 and (magnetostrictive or magnetostriction or magneto-restrict\$5 or magnetorestrict\$5)	55
<input type="checkbox"/>	L19	L18 and (antenna or coil or probe and size or loop or wavelength or hysteresis or wave-length or "wave length" or grain)	4197
<input type="checkbox"/>	L18	L17 and (soft or ferrite or ferritic or core or powder\$4 or ferous or ferite or ferrous or iron or FE or "SmCo" or cobalt or cobault or samarium or sumariam)	7199
<input type="checkbox"/>	L17	L13 and (ring\$4 or damp\$4 or acoustic\$6 or sound or cancel\$7 or null\$4 and insulat\$8)	8186
<input type="checkbox"/>	L16	L15 and (antenna or coil or probe and size or loop or wavelength or hysteresis or wave-length or "wave length" or grain)	4161
<input type="checkbox"/>	L15	L14 and (soft or ferrite or ferritic or core or powder\$4 or ferous or ferite or ferrous or iron or FE or "SmCo" or cobalt or cobault or samarium or sumariam)	7143
<input type="checkbox"/>	L14	L13 and (ring\$4 or damp\$4 or acoustic\$6 or sound or cancel\$7 or null\$4 and insulat\$8)	8116
<input type="checkbox"/>	L13	L12 and (formation or earth or wellbore or well-bore or "well bore" or "bore hole" or borehole or bore-hole or logging or lwd or mwd or lwt or mwt)	11226
<input type="checkbox"/>	L12	L11 and ((magnetic adj resonance) or MRI or NMR)	15309
<input type="checkbox"/>	L11	((amorphous with (material or metal)) or metglas or laminate or ribbon or kapton or (polyimide with film) or fluxtrol)	608692

<input type="checkbox"/>	L10	((amorphous with (material or metal)) or metglas or laminate or ribbon or kapton or (polyimide with film))	608663
<input type="checkbox"/>	L9	L5 not L6	16
<input type="checkbox"/>	L8	L7 and (antenna or coil or probe and size or loop or wavelength or wavelength or "wave length")	39
<input type="checkbox"/>	L7	L6 and (soft or ferrite or ferritic or core or powder\$4 or ferrous or ferrous or iron or FE or fluxtrol or "SmCo" or cobalt or cobalt or samarium or sumariam)	41
<input type="checkbox"/>	L6	L5 and (ring\$4 or damp\$4 or acoustic46 or sound or cancel\$7 or null\$4 and insulat\$8)	43
<input type="checkbox"/>	L5	L4 and (formation or earth or wellbore or well-bore or "well bore" or "bore hole" or borehole or bore-hole or logging or lwd or mwd or lwt or mwt)	59
<input type="checkbox"/>	L4	L3 and ((magnetic adj resonance) or MRI or NMR)	82
<input type="checkbox"/>	L3	L2 and (magnetostrictive or magnetostriction)	2134
<input type="checkbox"/>	L2	((amorphous with metal) or metglas or laminate or ribbon or kapton or (polyimide with film))	549957
		<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L1	6452388	22

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Search Results - Record(s) 1 through 5 of 5 returned.

☐ 1. Document ID: US 20050248341 A1

L26: Entry 1 of 5

File: PGPB

Nov 10, 2005

PGPUB-DOCUMENT-NUMBER: 20050248341

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050248341 A1

TITLE: Antenna core material for use in mwd resistivity measurements and d nmr measurements

PUBLICATION-DATE: November 10, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Kruspe, Thomas	Wienhausen	TX	DE
Reiderman, Arcady	Houston		US
Blanz, Martin	Celle		DE
Rottengatter, Peter	Celle		DE

US-CL-CURRENT: 324/303

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Drawings
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☐ 2. Document ID: US 20050127909 A1

L26: Entry 2 of 5

File: PGPB

Jun 16, 2005

PGPUB-DOCUMENT-NUMBER: 20050127909

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050127909 A1

TITLE: Method and apparatus of reducing ringing in a nuclear magnetic resonance probe

PUBLICATION-DATE: June 16, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Kruspe, Thomas	Wienhausen	TX	DE
Reiderman, Arcady	Houston		US
Blanz, Martin	Celle		DE

Rottengatter, Peter

Isernhagen

DE

US-CL-CURRENT: 324/303

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 3. Document ID: US 20030038631 A1

L26: Entry 3 of 5

File: PGPB

Feb 27, 2003

PGPUB-DOCUMENT-NUMBER: 20030038631

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030038631 A1

TITLE: Method and apparatus of reducing ringing in a nuclear magnetic resonance
probe

PUBLICATION-DATE: February 27, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Kruspe, Thomas	Wienhausen	TX	DE
Reiderman, Arcady	Houston		US
Blanz, Martin	Celle		DE
Rottengatter, Peter	Isernhagen		DE

US-CL-CURRENT: 324/303

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 4. Document ID: US 7084625 B2

L26: Entry 4 of 5

File: USPT

Aug 1, 2006

US-PAT-NO: 7084625

DOCUMENT-IDENTIFIER: US 7084625 B2

TITLE: Method and apparatus of reducing ringing in a nuclear magnetic resonance
probe

DATE-ISSUED: August 1, 2006

PRIOR-PUBLICATION:

DOC-ID	DATE
US 20050127909 A1	June 16, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kruspe, Thomas	Wienhausen			DE
Reiderman, Arcady	Houston	TX		US

Blanz; Martin	Celle	DE
Rottengatter; Peter	Isernhagen	DE

US-CL-CURRENT: 324/303

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	MM	Draw D
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☐ 5. Document ID: US 6844727 B2

L26: Entry 5 of 5

File: USPT

Jan 18, 2005

US-PAT-NO: 6844727

DOCUMENT-IDENTIFIER: US 6844727 B2

TITLE: Method and apparatus of reducing ringing in a nuclear magnetic resonance probe

DATE-ISSUED: January 18, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kruspe; Thomas	Wienhausen			DE
Reiderman; Arcady	Houston	TX		
Blanz; Martin	Celle			DE
Rottengatter; Peter	Isernhagen			DE

US-CL-CURRENT: 324/303; 324/338, 343/788

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	MM	Draw D
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Term	Documents
NONFERRITE	18
NONFERRITES	0
NON-FERRITE	140
NON-FERRITES	5
NONFERRITIC\$4	0
NONFERRITIC	13
NON-FERRITIC\$4	0
NON-FERRITIC	91
((NONFERRITE OR NONFERRITIC\$4 OR NON-FERRITE OR NON-FERRITIC\$4) AND 20) . PGPB, USPT, USOC, EPAB, JPAB, DWPI, TBD.	5

(L20 AND (NONFERRITE OR NONFERRITIC\$4 OR NON-FERRITE OR NON-FERRITIC\$4)) .PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	5
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Search Results - Record(s) 1 through 10 of 10 returned.

☐ 1. Document ID: US 20050248341 A1

L29: Entry 1 of 10

File: PGPB

Nov 10, 2005

PGPUB-DOCUMENT-NUMBER: 20050248341

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050248341 A1

TITLE: Antenna core material for use in mwd resistivity measurements and d nmr measurements

PUBLICATION-DATE: November 10, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Kruspe, Thomas	Wienhausen	TX	DE
Reiderman, Arcady	Houston		US
Blanz, Martin	Celle		DE
Rottengatter, Peter	Celle		DE

US-CL-CURRENT: 324/303

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	Pub	Draw
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☐ 2. Document ID: US 20050127909 A1

L29: Entry 2 of 10

File: PGPB

Jun 16, 2005

PGPUB-DOCUMENT-NUMBER: 20050127909

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050127909 A1

TITLE: Method and apparatus of reducing ringing in a nuclear magnetic resonance probe

PUBLICATION-DATE: June 16, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Kruspe, Thomas	Wienhausen	TX	DE
Reiderman, Arcady	Houston		US
Blanz, Martin	Celle		DE

Rottengatter, Peter

Isernhagen

DE

US-CL-CURRENT: 324/303

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D.
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☐ 3. Document ID: US 20050107870 A1

L29: Entry 3 of 10

File: PGPB

May 19, 2005

PGPUB-DOCUMENT-NUMBER: 20050107870

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050107870 A1

TITLE: Medical device with multiple coating layers

PUBLICATION-DATE: May 19, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Wang, Xingwu	Wellsville	NY	US
Greenwald, Howard J.	Rochester	NY	US

US-CL-CURRENT: 623/1.44

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D.
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☐ 4. Document ID: US 20050079132 A1

L29: Entry 4 of 10

File: PGPB

Apr 14, 2005

PGPUB-DOCUMENT-NUMBER: 20050079132

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050079132 A1

TITLE: Medical device with low magnetic susceptibility

PUBLICATION-DATE: April 14, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Wang, Xingwu	Wellsville	NY	US
Greenwald, Howard J.	Rochester	NY	US
Gunderman, Robert D.	Honeyoye Falls	NY	US

US-CL-CURRENT: 424/1.11; 424/422, 424/423, 600/8

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D.
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☐ 5. Document ID: US 20050025797 A1

L29: Entry 5 of 10

File: PGPB

Feb 3, 2005

PGPUB-DOCUMENT-NUMBER: 20050025797

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050025797 A1

TITLE: Medical device with low magnetic susceptibility

PUBLICATION-DATE: February 3, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Wang, Xingwu	Wellsville	NY	US
Greenwald, Howard Jay	Rochester	NY	US

US-CL-CURRENT: 424/422; 424/423, 424/489

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	FIG	Draw
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☐ 6. Document ID: US 20040254419 A1

L29: Entry 6 of 10

File: PGPB

Dec 16, 2004

PGPUB-DOCUMENT-NUMBER: 20040254419

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040254419 A1

TITLE: Therapeutic assembly

PUBLICATION-DATE: December 16, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Wang, Xingwu	Wellsville	NY	US
Greenwald, Howard J.	Rochester	NY	US
Lanzafame, John	Victor	NY	US
Weiner, Michael L.	Webster	NY	US
Connelly, Patrick R.	Rochester	NY	US

US-CL-CURRENT: 600/8; 424/1.11, 424/422

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	FIG	Draw
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☐ 7. Document ID: US 20030038631 A1

L29: Entry 7 of 10

File: PGPB

Feb 27, 2003

PGPUB-DOCUMENT-NUMBER: 20030038631

PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030038631 A1

TITLE: Method and apparatus of reducing ringing in a nuclear magnetic resonance
probe

PUBLICATION-DATE: February 27, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Kruspe, Thomas	Wienhausen	TX	DE
Reiderman, Arcady	Houston		US
Blanz, Martin	Celle		DE
Rottengatter, Peter	Isernhagen		DE

US-CL-CURRENT: 324/303

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 8. Document ID: US 7084625 B2

L29: Entry 8 of 10

File: USPT

Aug 1, 2006

US-PAT-NO: 7084625
DOCUMENT-IDENTIFIER: US 7084625 B2

TITLE: Method and apparatus of reducing ringing in a nuclear magnetic resonance
probe

DATE-ISSUED: August 1, 2006

PRIOR-PUBLICATION:

DOC-ID	DATE
US 20050127909 A1	June 16, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kruspe; Thomas	Wienhausen			DE
Reiderman; Arcady	Houston	TX		US
Blanz; Martin	Celle			DE
Rottengatter; Peter	Isernhagen			DE

US-CL-CURRENT: 324/303

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 9. Document ID: US 6844727 B2

L29: Entry 9 of 10

File: USPT

Jan 18, 2005

US-PAT-NO: 6844727

DOCUMENT-IDENTIFIER: US 6844727 B2

TITLE: Method and apparatus of reducing ringing in a nuclear magnetic resonance probe

DATE-ISSUED: January 18, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kruspe; Thomas	Wienhausen			DE
Reiderman; Arcady	Houston	TX		
Blanz; Martin	Celle			DE
Rottengatter; Peter	Isernhagen			DE

US-CL-CURRENT: 324/303; 324/338, 343/788

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	Draw	Draw
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☐ 10. Document ID: US 20030038631 A1, WO 2004001436 A2, AU 2003248700 A1, US 6844727 B2, EP 1514128 A2, GB 2405944 A

L29: Entry 10 of 10

File: DWPI

Feb 27, 2003

DERWENT-ACC-NO: 2003-418172

DERWENT-WEEK: 200635

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TITLE: Nuclear magnetic resonance logging apparatus for use in bore hole has transmitting and receiving antenna that includes magnetic core formed from material having high internal magnetostrictive damping and low magnetostriction

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	Draw	Draw
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Term	Documents
MAGNETOSTRICTIVE	16819
MAGNETOSTRICTIVES	39
MAGNETOSTRICTION	8875
MAGNETOSTRICTIONS	138
DAMPENING	40421
DAMPENINGS	21
MAGNETO-RESTRICT\$5	0
MAGNETO-RESTRICTION	29
MAGNETO-RESTRICTIVE	314

MAGNETO-RESTRICTIVELY	3
(L20 AND ((MAGNETOSTRICTIVE OR MAGNETOSTRICTION OR MAGNETO-RESTRICT\$5 OR MAGNETORESTRICT\$5) WITH (DAMPENING OR DAMP\$4 OR CANCEL\$7 OR NULL\$4 OR INSULAT\$4))) .PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	10

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